PR 2005

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES.

	ANSMITTAL LETTER TO	ATTORNEY'S DOCKET NUMBER 089498.0496.US					
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 37			U.S.APPLICATION NO. (If known, see 37 CFR 1.5)				
	TIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED				
	PCT/US05/07591	November 15, 2004	November 14, 2003				
TITLE OF INVENTION CARBON-BASED FUEL CELL							
APPLICANT(S) FOR DO/EO/US CHUANG, Steven S.C.							
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:							
1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.							
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.						
3.	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4. 🗶	The US has been elected (Article 31).						
5. X	A copy of the International Application as filed (35 U.S.C. 371(c)(2))						
:	a. x is attached hereto (required only if not communicated by the International Bureau).						
	b. has been communicated by the International Bureau.						
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).						
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).						
	a. Lis attached hereto.						
	b. has been previously submitted under 35 U.S.C. 154(d)(4).						
7. X Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
	a. are attached hereto (required only if not communicated by the International Bureau).						
	b. have been communicated by the International Bureau.						
	c. A have not been made; however, the time limit for making such amendments has NOT expired.						
	d. have not been made and will not be made.						
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).						
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).						
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).						
ltems 11 to 20 below concern document(s) or information included:							
11.	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.						
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.						
13.	A preliminary amendment.						
14. 🖳	An Application Data Sheet under 37 CFR 1.76.						
15	A substitute specification.						
16.	A power of attorney and/or change of address letter.						
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.						
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).						
19.	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).						
20 X	Other items as information. Transmi	ittal Sheet Conv of International an	inlication as filed. Return Postcard				

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Page 1 of 2

PTO-1390 (Rev. 02-2005)

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5)			5) INTERNATIONAL AF	INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
10 unknown 6385		PCT/US0!	PCT/US05/07591		089498.0496.US		
The follo	owing fees have b	peen submitted	-		CALCULATIONS	PTO USE ONLY	
21. 🔀 Basic	c national fee		••••••	\$300	\$ 300		
If International pr PCT Article 33	nination fee reliminary examina 3(1)-(4)	\$ 100					
Search fee (37 Cl Internation International Sear	rch fee FR 1.445(a)(2)) hanal Searching Aut Irch Report prepar	\$ 100					
	TOTAL OF 21, 22				\$		
Additional fee sequence lis	e for specification sting or computer	and drawings file program listing fil	ed in paper over 100 sheets (e led in an electronic medium). of paper or fraction thereof.	excluding			
Total Sheets	Extra Sheets		ch additional 50 or fraction l up to a whole number)	RATE			
34 - 100 =	0 /50 =			× \$250	\$ 0		
Surcharge of \$13			laration later than 30 months for		\$		
CLAIMS	NUME	BER FILED	NUMBER EXTRA	RATE	\$		
Total claims	40	- 20 =	20	× \$ 50	\$ 1,000		
Independent clain	ms 4	- 3 =	1	× \$200	\$ 200		
<u> </u>	ENDENT CLAIM(S	S) (if applicable)		+ \$360	\$ 0		
			TOTAL OF ABOVE	CALCULATIONS =	\$ 1,700		
X Applicant clai	ims small entity st	tatus. See 37 CF	R 1.27. Fees above are reduc		850		
			· · · · · · · · · · · · · · · · · · ·	SUBTOTAL =	\$ 850	 	
	f \$130.00 for furni: late (37 CFR 1.492	ths from the earliest +	\$				
			TOTA	L NATIONAL FEE =	\$		
Fee for recording by an appropriate	the enclosed ass cover sheet (37 (\$ 0					
_		-	TOTAL F	EES ENCLOSED =	\$ 850		
					Amount to be refunded:	\$	
					Amount to be charged:	\$	
a. A check	k in the amount of	f \$	to cover the ab	ove fees is enclosed.			
b. Please charge my Deposit Account No. 50-0959 in the amount of \$ 850 to cover the above fees. A duplicate copy of this sheet is enclosed.							
c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0959 Adupticate copy of this sheet is enclosed.							
d. Fees are	e to be charged to	o a credit card. W	/ARNING: Information on this	form may become pub	olic. Credit card informati	ion should not	
be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed							
and granted to re	estore the Intern	ational Applicat	tion to pending status.	1			
SEND ALL CORP	- Who						
Customer No. 39,905 George W. Moxon, II							
	Indress, LPA	George W. Moxon, III					
222 S. Main St. NAME NAME							
Akron, OH 4430826,615							
1				REGISTRATIO	ON NUMBER		

16, 343593

IN THE INTERNATIONAL BUREAU OF WIPO UNITED STATES RECEIVING OFFICE

In the application of) 444
CHUANG, Steven S.C.) CERTIFICATE OF EXPRESS MAIL
Serial No. PCT/US05/07591	I hereby certify that this correspondence was deposited with the United States Postal Service as
Filed November 14, 2004	Express Mail addressed to: MAIL STOP PCT, Commissioner for Patents, P. O. Box 1450, Alexandric VM 22218 1450 on April 10, 2006
For CARBON-BASED FUEL CELLS	Alexandria, VA 223/3-1450, on April 19, 2006 Angela Gamble, Ass't to George W. Moton II Express Mail Label EQ 468528613 US

TRANSMITTAL SHEET

Enclosed are the following documents:

Transmittal Letter (Form PTO-1390) (in duplicate)
International Application as filed
Return receipt postcard

AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT

The Director is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 50-0959 (089498-0496).

Respectfully submitted

George W. Moxon II, Reg. No. 26,615

Roetzel & Andress 222 S. Main St.

Akron, Ohio 44308 Phone: (330) 376-2700

Fax: (330) 376-4577 Attorney for Applicants

April 19, 2006

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